



## End-of-Sale and End-of-Life Announcement for the Cisco ONS 15454E MSPP Platform and Select MSTP Blades

EOL9111

Cisco announces the end-of-sale and end-of-life dates for the Cisco ONS 15454E MSPP Platform and Select MSTP Blades. The last day to order the affected product(s) is April 26, 2014. Customers with active service contracts will continue to receive support from the Cisco Technical Assistance Center (TAC) as shown in Table 1 of the EoL bulletin. Table 1 describes the end-of-life milestones, definitions, and dates for the affected product(s). Table 2 lists the product part numbers affected by this announcement. For customers with active and paid service and support contracts, support will be available under the terms and conditions of customers' service contract.

**Table 1.** End-of-Life Milestones and Dates for the Cisco ONS 15454E MSPP Platform and Select MSTP Blades

| Milestone                                       | Definition  | Date           |
|---|---|----------------|
| <b>End-of-Life Announcement Date</b>            | The date the document that announces the end-of-sale and end-of-life of a product is distributed to the general public.   | April 26, 2013 |
| <b>End-of-Sale Date</b>                         | The last date to order the product through Cisco point-of-sale mechanisms. The product is no longer for sale after this date.   | April 26, 2014 |
| <b>Last Ship Date: HW</b>                       | The last-possible ship date that can be requested of Cisco and/or its contract manufacturers. Actual ship date is dependent on lead time.   | July 25, 2014  |
| <b>End of Routine Failure Analysis Date: HW</b> | The last-possible date a routine failure analysis may be performed to determine the cause of hardware product failure or defect.  | April 26, 2015 |
| <b>End of New Service Attachment Date: HW</b>   | For equipment and software that is not covered by a service-and-support contract, this is the last date to order a new service-and-support contract or add the equipment and/or software to an existing service-and-support contract.                         | April 26, 2015 |
| <b>End of Service Contract Renewal Date: HW</b> | The last date to extend or renew a service contract for the product.  | July 25, 2018  |
| <b>Last Date of Support: HW</b>                 | The last date to receive applicable service and support for the product as entitled by active service contracts or by warranty terms and conditions. After this date, all support services for the product are unavailable, and the product becomes obsolete. | April 30, 2019 |

HW = Hardware    OS SW = Operating System Software    App. SW = Application Software

**Table 2.** Product Part Numbers Affected by This Announcement

| End-of-Sale Product Part Number | Product Description                                  | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 15454E-10E-1-30.3               | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1530.33-1532.68 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-30.3=              | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1530.33-1532.68 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-34.2               | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1534.25-1536.61 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-34.2=              | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1534.25-1536.61 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-38.1               | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1538.19-1540.56 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-38.1=              | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1538.19-1540.56 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-42.1               | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1542.14-1544.53 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-42.1=              | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1542.14-1544.53 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-46.1               | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1546.12-1548.51 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-46.1=              | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1546.12-1548.51 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-50.1               | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1550.12-1552.52 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-50.1=              | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1550.12-1552.52 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-54.1               | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1554.13-1556.55 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-54.1=              | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1554.13-1556.55 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10E-1-58.1               | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1558.17-1560.61 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

| End-of-Sale Product Part Number | Product Description   | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|---|---|---------------------------------|------------------------|
| 15454E-10E-1-58.1=              | Multi-Rate Txp 10G/10GE - EFEC - 4ch 1558.17-1560.61        | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10G-I1                   | 10G, SR, Includes SR XFP (ONS-XC-10G-S1)                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10G-I1=                  | 10G, SR, Includes SR XFP (ONS-XC-10G-S1)                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10G-XR                   | 10G, Any Reach, XFP compatible (Ordered Separately)         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10G-XR=                  | 10G, Any Reach, XFP compatible (Ordered Separately)         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-30.3                | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1530.33-1532.68 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-30.3=               | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1530.33-1532.68 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-34.2                | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1534.25-1536.61 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-34.2=               | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1534.25-1536.61 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-38.1                | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1538.19-1540.56 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-38.1=               | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1538.19-1540.56 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-42.1                | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1542.14-1544.53 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-42.1=               | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1542.14-1544.53 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-46.1                | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1546.12-1548.51 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-46.1=               | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1546.12-1548.51 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-50.1                | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1550.12-1552.52 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

| End-of-Sale Product Part Number | Product Description   | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|---|---|---------------------------------|------------------------|
| 15454E-10ME-50.1=               | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1550.12-1552.52 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-54.1                | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1554.13-1556.55 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-54.1=               | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1554.13-1556.55 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-58.1                | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1558.17-1560.61 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-10ME-58.1=               | 4 x 2.5 Gbs - 10Gbs Muxpdr - EFEC - Tunable 1558.17-1560.61 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-14DS1-FMEC               | DS1 FMEC, 14 Ckt  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-14DS1-FMEC=              | DS1 FMEC, 14 Ckt  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-19FGD-KIT=               | Fiber Guides for 19in IEC/ANSI Rack                         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-32-DMX                   | 32 Ch DMUX 100 GHz (for use with 32.WSS)                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-32-DMX=                  | 32 Ch DMUX 100 GHz (for use with 32.WSS)                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-32-WSS                   | 32 Ch Wavelength Selective Switch                           | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-32-WSS=                  | 32 Ch Wavelength Selective Switch                           | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-CE-1000-4                | 4 port GE Carrier Edge card                                 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-CE-1000-4=               | 4 port GE Carrier Edge card                                 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-CE-100T-8                | 8x10/100T Carrier Ethernet - ANSI/ETSI Support              | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-CE-100T-8=               | 8x10/100T Carrier Ethernet - ANSI/ETSI Support              | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

| End-of-Sale Product Part Number | Product Description  | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 15454E-CE-MR-10                 | Carrier Ethernet card - 10 port Multirate 10/100/1000 Mbps | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-CE-MR-10=                | Carrier Ethernet card - 10 port Multirate 10/100/1000 Mbps | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-30.3                | 2.5 G DataMux 30.3   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-30.3=               | 2.5 G DataMux 30.3   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-34.2                | 2.5 G DataMux 34.2   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-34.2=               | 2.5 G DataMux 34.2   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-38.1                | 2.5 G DataMux 38.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-38.1=               | 2.5 G DataMux 38.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-42.1                | 2.5 G DataMux 42.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-42.1=               | 2.5 G DataMux 42.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-46.1                | 2.5 G DataMux 46.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-46.1=               | 2.5 G DataMux 46.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-50.1                | 2.5 G DataMux 50.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-50.1=               | 2.5 G DataMux 50.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-54.1                | 2.5 G DataMux 54.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-54.1=               | 2.5 G DataMux 54.1   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

| End-of-Sale Product Part Number | Product Description       | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|---------------------------|---|---------------------------------|------------------------|
| 15454E-DM-1-58.1                | 2.5 G DataMux 58.1        | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DM-1-58.1=               | 2.5 G DataMux 58.1        | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-30.3               | 2.5DataMux Protected 34.2 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-30.3=              | 2.5DataMux Protected 34.2 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-34.2               | 2.5DataMux Protected 38.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-34.2=              | 2.5DataMux Protected 38.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-38.1               | 2.5DataMux Protected 42.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-38.1=              | 2.5DataMux Protected 42.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-42.1               | 2.5DataMux Protected 46.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-42.1=              | 2.5DataMux Protected 46.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-46.1               | 2.5DataMux Protected 50.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-46.1=              | 2.5DataMux Protected 50.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-50.1               | 2.5DataMux Protected 50.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-50.1=              | 2.5DataMux Protected 50.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-54.1               | 2.5DataMux Protected 54.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-54.1=              | 2.5DataMux Protected 54.1 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

| End-of-Sale Product Part Number | Product Description                             | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|---|---|---------------------------------|------------------------|
| 15454E-DMP-1-58.1               | 2.5DataMux Protected 58.1                       | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DMP-1-58.1=              | 2.5DataMux Protected 58.1                       | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DOC4.1CD-S=              | ONS 15454 SDH R4.1 Spanish Docs CD              | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DOC4.1PP-S=              | ONS 15454 SDH R4.1 Spanish Paper doc            | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DOC5.0.2PP               | Sys. Doc. Rel. 5.0.2 English, Paper             | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DOC5.0.2PP=              | Sys. Doc. Rel. 5.0.2 English, Paper             | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DOC8.5.0PP               | 15454 ETSI Sys. Doc. Rel. 8.5.0 English, Paper  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DOC8.5.0PP=              | 15454 ETSI Sys. Doc. Rel. 8.5.0 English, Paper  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DOC8.5.1PP=              | 15454E ETSI Sys. Doc. Rel. 8.5.1 English, Paper | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DS1-SCBL10               | Single ended cable for 14 port DS1 FMEC (10m)   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DS1-SCBL10=              | Single ended cable for 14 port DS1 FMEC (10m)   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DS1I-14                  | DS1, 1:N, 14 Ckt ETSI applications              | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DS1I-14=                 | DS1, 1:N, 14 Ckt ETSI applications              | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DS3IN-12                 | 12 port DS3 Module (1:N<=4) - need FMEC         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-DS3IN-12=                | 12 port DS3 Module (1:N<=4) - need FMEC         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120-10                | 10 Meter Cable for 120 Ohm FMEC                 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

| End-of-Sale Product Part Number | Product Description                                | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 15454E-E1-120-10=               | 10 Meter Cable for 120 Ohm FMEC                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120-2                 | 2 Meter Cable for 120 Ohm FMEC                     | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120-20                | 20 Meter Cable for 120 Ohm FMEC                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120-20=               | 20 Meter Cable for 120 Ohm FMEC                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120-2=                | 2 Meter Cable for 120 Ohm FMEC                     | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120NP                 | HD E1 120 ohm FMEC, No Protection                  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120NP=                | HD E1 120 ohm FMEC, No Protection                  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120PROA               | HD E1 120 ohm FMEC, 1:3 protection Side A          | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120PROA=              | HD E1 120 ohm FMEC, 1:3 protection Side A          | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120PROB               | HD E1 120 ohm FMEC, 1:3 protection Side B          | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-120PROB=              | HD E1 120 ohm FMEC, 1:3 protection Side B          | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-42                    | 15454 International ETSI chassis 42 part E1 module | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-42=                   | 15454 International ETSI chassis 42 part E1 module | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-75-C-10               | E1-75BB Conversion Panel Cable (10m)               | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-75-C-10=              | E1-75BB Conversion Panel Cable (10m)               | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-75-C-2                | E1-75BB Conversion Panel Cable (2m)                | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |



| End-of-Sale Product Part Number | Product Description                        | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 15454E-E1-75-C-20               | E1-75BB Conversion Panel Cable (20m)       | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-75-C-20=              | E1-75BB Conversion Panel Cable (20m)       | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-75-C-2=               | E1-75BB Conversion Panel Cable (2m)        | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-75BB                  | 75/120 ohm Convertor                       | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E1-75BB=                 | 75/120 ohm Convertor                       | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E3-12                    | 12 port E3 Module (1:1 only) - need FMEC   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E3-12=                   | 12 port E3 Module (1:1 only) - need FMEC   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E3DS3-FMEC               | 12 port E3/DS3 75ohm FMEC (T54)            | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-E3DS3-FMEC=              | 12 port E3/DS3 75ohm FMEC (T54)            | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-G1K-4                    | 4 Port Gigabit Ethernet-ANSI/ETSI Support  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-G1K-4=                   | 4 Port Gigabit Ethernet-ANSI/ETSI Support  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-L64.1-1                  | 1 port STM-64 LH 1310nm                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-L64.1-1=                 | 1 port STM-64 LH 1310nm                    | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML-MR-10                 | ML2 10-pt Multi-rate L2/RPR Card           | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML-MR-10=                | ML2 10-pt Multi-rate L2/RPR Card           | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML1000-2                 | Gigabit Ethernet, 2 Ckt.-ANSI/ETSI Support | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

| End-of-Sale Product Part Number | Product Description  | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 15454E-ML1000-2=                | Gigabit Ethernet, 2 Ckt.-ANSI/ETSI Support                 | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML100T-12                | Ethernet, 12Ckt.-ANSI/ETSI Support                         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML100T-12=               | Ethernet, 12Ckt.-ANSI/ETSI Support                         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML100X-8                 | 100Mbps Fiber Ethernet, 8 SFP Ckt, L2/L3-ANSI/ETSI Support | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML100X-8=                | 100Mbps Fiber Ethernet, 8 SFP Ckt, L2/L3-ANSI/ETSI Support | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML2-100-12               | ML2 12x10/100 BaseT  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML2-100-12=              | ML2 12x10/100 BaseT  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML2-1000-4               | ML2 4xGE, SFP  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-ML2-1000-4=              | ML2 4xGE, SFP  | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-MRC-2.5G12               | STM1/4/16, 2.5G Max, 12 ports, IOF                         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-MRC-2.5G12=              | STM1/4/16, 2.5G Max, 12 ports, IOF                         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-MRC-2.5GI                | STM1/4/16, 2.5G Max, 12 ports, IOF                         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-MRC-2.5GI=               | STM1/4/16, 2.5G Max, 12 ports, IOF                         | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-MRC-I-12                 | STM1/4/16, 12 ports, IOF -ANSI/ETSI Support                | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-MRC-I-12=                | STM1/4/16, 12 ports, IOF -ANSI/ETSI Support                | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-NP-HDE1-ATO              | HD E1 NP: shelf, FTA, MICs, commons, 8 E1-42, 8 NP FMECs   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

| End-of-Sale Product Part Number | Product Description  | Replacement Product Part Number   | Replacement Product Description | Additional Information |
|---------------------------------|--|---|---------------------------------|------------------------|
| 15454E-OPT-PRE-M                | ONS 15454 Optical Pre-Amplifier Module, no MAL               | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-OPT-PRE-M=               | ONS 15454 Optical Pre-Amplifier Module, no MAL               | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-PR-HDE1-ATO              | HD E1 PRO: shelf, FTA, MICs, commons, 8 E1-42, PROA+PROB     | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-T54CBL-020               | 20 Meter E1/E3/DS3 cable, 75 Ohm T54 connector, Single Ended | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-T54CBL-020=              | 20 Meter E1/E3/DS3 cable, 75 Ohm T54 connector, Single Ended | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-XC-VXC-10G               | SDH HO/LO XC, 60G VC-4, 5G VC-12/11 - ANSI/ETSI Support      | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-XC-VXC-10G=              | SDH HO/LO XC, 60G VC-4, 5G VC-12/11 - ANSI/ETSI Support      | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |
| 15454E-XC-VXC2.5G               | SDH Cross-Connect Module, High Cap. Tributary, 2.5G System   | See the Product Migration Options section below for detailed information on replacing this product. |                                 |                        |

## Product Migration Options

Customers are encouraged to migrate to the Cisco ONS 15454 MSTP portfolio with equivalent services cards. Information about this product can be found at:

<http://www.cisco.com/en/US/products/hw/optical/ps2006/ps5320/index.html>.

Customers may be able to use the Cisco Technology Migration Program (TMP) where applicable to trade-in eligible products and receive credit toward the purchase of new Cisco equipment. For more information about Cisco TMP, customers should work with their Cisco Partner or Cisco account team. Cisco Partners can find additional TMP information on Partner Central at

[http://www.cisco.com/web/partners/incentives\\_and\\_promotions/tmp.html](http://www.cisco.com/web/partners/incentives_and_promotions/tmp.html).

Customers may be able to continue to purchase the Cisco ONS 15454E MSPP Platform and Select MSTP Blades through the Cisco Certified Refurbished Equipment program. Refurbished units may be available in limited supply for sale in certain countries on a first-come, first-served basis until the Last Date of Support has been reached. For information about the Cisco Certified Refurbished Equipment program, go to: <http://www.cisco.com/go/eos>.

Service prices for Cisco products are subject to change after the product End-of-Sale date.

The Cisco Takeback and Recycle program helps businesses dispose properly of surplus products that have reached their end of useful life. The program is open to all business users of Cisco equipment and its associated brands and subsidiaries. For more information, go to:

[http://www.cisco.com/web/about/ac227/ac228/ac231/about\\_cisco\\_takeback\\_recycling.html](http://www.cisco.com/web/about/ac227/ac228/ac231/about_cisco_takeback_recycling.html).

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## For More Information

For more information about the Cisco ONS 15454 MSTP with Select Services Cards, visit <http://www.cisco.com/en/US/products/hw/optical/ps2006/ps5320/index.html>, or contact your local account representative.

For more information about the Cisco End-of-Life Policy, go to: [http://www.cisco.com/en/US/products/products\\_end-of-life\\_policy.html](http://www.cisco.com/en/US/products/products_end-of-life_policy.html).

For more information about the Cisco Product Warranties, go to: [http://www.cisco.com/en/US/products/prod\\_warranties\\_listing.html](http://www.cisco.com/en/US/products/prod_warranties_listing.html).

To subscribe to receive end-of-life/end-of-sale information, go to: <http://www.cisco.com/cisco/support/notifications.html>.

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